Please amend the **Abstract** as follows:

A method for modeling cable loss for a cable plant is provided. The method includes identifying a service to be provided over the cable plant, selectively entering a<u>t</u> <u>least one</u> value corresponding to at least one parameter of the cable plant, and on entering <u>each of the at least one</u> value~~s~~, determining ~~and displaying the~~ <u>an</u> estimated cable loss for the cable plant providing the service based on <u>all of</u> the entered <u>at least one</u> value~~s~~ and an empirical model of cable loss, the empirical model including data on losses affected by bridge tap placement and bridge tap length in the cable plant<u>, and displaying the</u> <u>estimated cable loss for the identified service</u>.